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(54) Title: NETWORK SUBSCRIBER STATION FOR A NETWORK OF DISTRIBUTED STATIONS, AND METHOD FOR OPERATING A NETWORK SUBSCRIBER STATION

T	ActualPtr	NextPtr	EditPtr	AuxPtr	Description
T0	A(0)	A(0)	B(0)	C(?)	Initial stage
T1	A(0)	A(0)	B(0')	C(?)	Edit
T2	A(0)	A(0)	B(1)	C(?)	(0), Editing ended
T3	A(0)	B(1)	C(?)	A(0)	(1) ... (4), test (5) -> "FALSE"
T4	A(0)	B(1)	C(1)	A(0)	(9)
T5	B(1)	B(1)	C(1)	A(0)	Reset operation
...					
T10	B(1)	B(1)	C(1')	A(0)	Edit
T11	B(1)	B(1)	C(2)	A(0)	(0), Editing ended
T12	B(1)	C(2)	A(0)	B(1)	(1) ... (4), test (5) -> "FALSE"
T13	B(1)	C(2)	A(2)	B(1)	(9)
T14	B(1)	C(2)	A(2')	B(1)	Edit
T15	B(1)	C(2)	A(3)	B(1)	(0), Editing ended
T16	B(1)	A(3)	B(1)	C(2)	(1) ... (4), test(5) -> "TRUE"
T17	B(1)	A(3)	C(2)	B(1)	(6) ... (8)
T18	B(1)	A(3)	C(3)	B(1)	(9)
T19	A(3)	A(3)	C(3)	B(1)	Reset operation
...					
T30	A(1)	B(2)	C(3)	A(1)	(0), Editing ended
T31	B(2)	B(2)	C(3)	A(1)	Reset operation
T32	B(2)	C(3)	A(1)	B(2)	(4), test (5) -> FALSE
T33	B(2)	C(3)	A(3)	B(2)	(9)
...					
T40	A(1)	B(2)	C(3)	A(1)	(0), Editing ended
T41	A(1)	C(3)	A(1)	B(2)	(4)
T42	C(3)	C(3)	A(1)	B(2)	Reset operation, test (5) -> "FALSE"
T43	C(3)	C(3)	B(3)	A(1)	(9)
...					
T50	A(1)	B(2)	C(3)	A(1)	(0), Editing ended
T51	A(1)	C(3)	A(1)	B(2)	(4), test (5) -> "TRUE"
T52	C(3)	C(3)	A(1)	B(2)	Reset operation
T53	C(3)	C(3)	B(2)	A(1)	(6) ... (8)
T54	C(3)	C(3)	B(3)	A(1)	(9)
...					

(57) Abstract: The invention relates to a network subscriber station (2) and to a method for operating a network subscriber station (2) for a network of distributed stations, particularly a network of IEEE 1394 network subscriber stations, which are connected by means of a data bus (1). The network subscriber station comprises at least three memory areas for operation-dependent interface configuration data and pointer means, which comprise electronic pointers to the at least three memory areas, and driver means for handling electronic data in the at least three memory areas and for electronic data transfer between the at least three memory areas.

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